

AMENDMENTS TO THE CLAIMS

1.~~[1]~~ (Currently Amended) A power converter for stepping down and converting AC voltage ~~alternating current (S)~~ to DC voltage, direct current,

said power converter comprising:

first and second input connections (~~T1~~, ~~T2~~) for inputting output of said AC voltage; ~~alternating current~~;

a first capacitor (~~C1~~) and a second capacitor (~~C2~~) interposed in series on a first electric connection line (~~L1~~) between said first input connection (~~T1~~) and said second input connection, ~~connection (T2)~~; in order from a side of said first input connection;

a first diode (~~D1~~) interposed between the first capacitor and said second capacitor on said first electric connection line so that its forward direction is toward said second input connection;

a second diode (~~D1~~) interposed on a second electric connection line (~~L2~~) so that its reverse direction is toward said second input connection, said second electric connection line connecting a point between said first capacitor and said first diode on said first electric connection line, and said second input connection;

a first output connection (~~T3~~) for output of said DC voltage, direct current, which is connected between said first diode and said second capacitor on said first electric connection line; and

a second output connection (~~T4~~) for output of said DC voltage, direct current, which is connected to said second input connection.

2.~~[2]~~ (Currently Amended) The power converter as set forth in claim 1, further comprising:

a Zener diode (~~ZD~~) interposed between said first output connection (~~T3~~) and said second output connection (~~T4~~) so that its forward direction is toward said first output connection.

3.[3] (Currently Amended) The power converter as set forth in claim 2, further comprising:

a resistor ~~resistance~~ (~~R~~) interposed on said first electric connection line (~~L1~~) on a side closer to said first input connection than a position of connection with said second electric connection line. ~~line~~ (~~L2~~).

4.[4] (Currently Amended) The power converter as set forth in claim 3, wherein

said resistor ~~resistance~~ is a thermistor.

5.[5] (Currently Amended) The power converter as set forth in claim 3, further comprising:

a third capacitor (~~C3~~) connected between one end of said resistor ~~resistance~~ (~~R~~) and said second input connection. ~~connection~~ (~~T2~~).

6.[6] (Currently Amended) The power converter as set forth in claim 5, wherein

said one end of said resistor ~~resistance~~ (~~R~~) is the end on the side of said second input connection. ~~connection~~ (~~T2~~).

7.[7] (Currently Amended) The power converter as set forth in claim 5, wherein

said one end of said resistor ~~resistance~~ (~~R~~) is the end on the side of said first input connection. ~~connection~~ (~~T1~~).

8.[8] (Currently Amended) The power converter as set forth in claim 5, wherein

a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

9.[9] (Currently Amended) The power converter as set forth in claim 6, wherein
a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

10.[10] (Currently Amended) The power converter as set forth in claim 7, wherein
a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

11.[11] (Currently Amended) The power converter as set forth in claim 1, further comprising:
a resistor ~~resistance~~ (~~R~~) interposed on said first electric connection line (~~L1~~) on a side
closer to said first input connection than a position of connection with said second electric
connection line. ~~line~~ (~~L2~~).

12.[12] (Currently Amended) The power converter as set forth in claim 11, wherein
said resistor ~~resistance~~ is a thermistor.

13.[13] (Currently Amended) The power converter as set forth in claim 11, further comprising:
a third capacitor (~~C3~~) connected between one end of said resistor ~~resistance~~ (~~R~~) and said
second input connection. ~~connection~~ (~~T2~~).

14.[14] (Currently Amended) The power converter as set forth in claim 13, wherein
said one end of said resistor ~~resistance~~ (~~R~~) is the end on the side of said second input
connection. ~~connection~~ (~~T2~~).

15.[15] (Currently Amended) The power converter as set forth in claim 13, wherein

• said one end of said resistor ~~resistance~~ (~~R~~) is the end on the side of said first input
• connection. ~~connection~~ (~~T1~~).

16.~~[16]~~ (Currently Amended) The power converter as set forth in claim 13, wherein
a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

17.~~[17]~~ (Currently Amended) The power converter as set forth in claim 14, wherein
a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

18.~~[18]~~ (Currently Amended) The power converter as set forth in claim 15, wherein
a capacity ratio of said first capacitor to said third capacitor is set to about 1:1.

19.~~[19]~~ (Currently Amended) The power converter as set forth in ~~any one of claims 1 to 18~~
claim 1, wherein
a capacity ratio of said first capacitor to said second capacitor is set to 1:1000.